

[19] 中华人民共和国国家知识产权局

[51] Int. Cl<sup>7</sup>

G06F 3/033

H04M 1/00

## [12] 发明专利申请公开说明书

[21] 申请号 00805170.4

[43] 公开日 2002 年 4 月 10 日

[11] 公开号 CN 1344392A

[22] 申请日 2000.3.10 [21] 申请号 00805170.4

[30] 优先权

[32] 1999.3.16 [33] SE [31] 9900946-6

[86] 国际申请 PCT/SE00/00474 2000.3.10

[87] 国际公布 WO00/55717 英 2000.9.21

[85] 进入国家阶段日期 2001.9.17

[71] 申请人 艾利森电话股份有限公司

地址 瑞典斯德哥尔摩

[72] 发明人 K·阿贝里

[74] 专利代理机构 中国专利代理(香港)有限公司

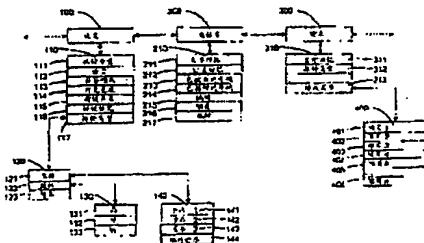
代理人 邹光新 李亚非

权利要求书 2 页 说明书 8 页 附图页数 2 页

[54] 发明名称 具有分层菜单系统和动态菜单的一种便携式通信装置

[57] 摘要

一种便携式通信装置, 比方说移动电话, 有一个显示器(6), 一个用户控制的输入装置(7), 一个存储器(30), 一个控制器(20) 和储存在存储器中的一个分层菜单系统。这个菜单系统有多个菜单, 包括顶层菜单(100, 200, 300)、子菜单(110, 120, 130, 140, 210, 310, 400) 和相应菜单项的多个菜单项(111 ~ 116, 121 ~ 123, 131 ~ 133, 141 ~ 144, 211 ~ 217, 311 ~ 313, 401 ~ 406)。这个控制器用于将菜单/菜单项显示在显示器上, 通过用户控制的输入装置 接受用户的选择命令, 以及完成对应于显示出来的菜单/菜单项的功能。这个装置的存储器具有动态菜单(300, 310), 其内容可以被用户修改。动态菜单(300, 310) 在分层菜单系统中既可以是一个顶层菜单也可以是一个子菜单。



Original PCT application  
for CN1344392A

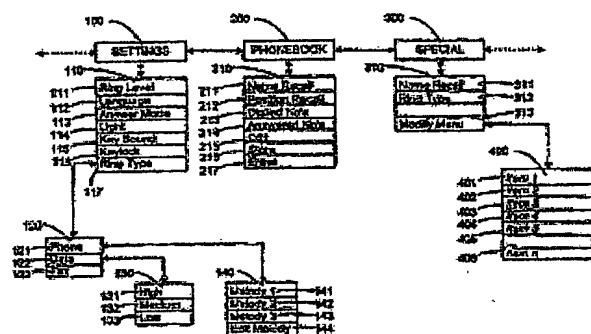
Patent number: WO0055717

Publication date: 2000-09-21

Applicant: ERICSSON TELEFON AB L M [SE]

### Abstract of WO0055717

A portable communication apparatus, such as a mobile telephone, has a display (6), a user-controlled input device (7), a memory (30), a controller (20) and a hierarchical menu system stored in the memory. The menu system has a plurality of menus, including top-level menus (100, 200, 300), sub-level menus (110, 120, 130, 140, 210, 310, 400), and a plurality of menu items (111-116, 121-123, 131-133, 141-144, 211-217, 311-313, 401-406) under respective menus. The controller is arranged to present individual menus/menu items on the display, receive selection commands from a user through the user-controlled input device and in response perform functions related to the presented menus/menu items. The memory of the apparatus has a dynamic menu (300, 310), the contents of which may be modified by the user. The dynamic menu (300, 310) is either a top-level menu or a sub-level menu in the hierarchical menu system.



### Description of WO0055717

#### A PORTABLE COMMUNICATION APPARATUS HAVING A HIERARCHICAL MENUSYSTEM AND A DYNAMIC MENU

##### Technical Field

The present invention relates to a portable communication apparatus, such as a mobile telephone, having a display, a user-controlled input device, such as a keypad, a memory, a controller and a hierarchical menu system stored in the memory. The menu system has a plurality of menus, including top-level menus and sub-level menus, and a plurality of menu items under respective menus. The controller is arranged to present individual menus or menu items on the display, is arranged to receive selection commands from a user through the user-controlled input device and is arranged to perform functions related to selected menus or menu items. The memory of the apparatus further comprises a dynamic menu, the contents of which may be modified by the user.

BEST AVAILABLE COPY